



PATENT Attorney Docket No: ECD-0014

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic		James A. Merkle, Jr. et al.	Examiner: Not yet assigned
Serial 1		10/062,400	Group Art Unit: 2131
Filing 1	Date:	February 1, 2002 SYSTEMS AND METHODS FO	D MEDIA ATTUENTICATION
Title:		5151EM5 AND METHODS FO	R MEDIA AUTHENTICATION
		CERTIFICATE OF MAILING	UNDER 37 C.F.R. § 1.8
addressed		ertify that this correspondence is being deposited wit stant Commissioner for Patents, Washington, D.C., 2	n the United States Post Office as First Class Mail in an envelope 0231.
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		Date	Vanessa Marakas
		missioner for Patents	
Washir	ngton, I	DC 20231	
		<b>INFORMATION DISCI</b>	OSURE STATEMENT
Sir:			
	This In	nformation Disclosure Statement is	submitted:
[]	under	37 C.F.R. 1.129(a), or	
l J		econd submission after Final Rejection)	
		on G D D (1.054)	
[X]		37 C.F.R. 1.97(b), or three months of filing national application	n; or date of entry of the national stage in international
			ction on the merits, whichever occurs last)
	•		
[]	under	37 C.F.R. 1.97(c) together with eith	ier:
	[-]	a Certification under 37 C.F.R. 1.9	97(e), as checked below, or
	[ ]	a \$240.00 fee under 37 C.F.R. 1.1	
		(After the 37 C.F.R. 1.97(b) time period, occurs first)	but before final action or notice of allowance, whichever
[]	under	37 C.F.R. 1.97(d) together with:	
	r 1	Contigue time and an 27 CER 11	07(a) as shocked below and
	[]	a Certification under 37 C.F.R. 1.9 a petition under 37 C.F.R. 1.97(d)	• •
		a \$130.00 petition fee set forth in	• •
		(Filed after final action or notice of allow	
		payment of the issue fee)	

Applicant(s): James A. Merkle, Jr. et al. Serial No.: 10/062,400

### Certification Under 37 C.F.R. 1.97(e)

	[]	Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office In a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	[]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement
Enclo	sed herewith is	form PTO-1449:
[X]	Copies of cite	ed references are enclosed.
[]	•	ed references are enclosed except those entered in prior application, U.S.

		No, and references that are not required to be submitted under 37 1.98.
[]		sted references were cited in the enclosed International Search Report in a rpart foreign application.
Conci	se Expla	nnation Requirement (non-English references):
[ ] satisfi	The "c ed by:	oncise explanation" requirement under 36 C.F.R. 1.98(a)(3) for reference(s) is
	[]	the explanation provided on the attached sheet.
	[]	the explanation provided in the Specification.
	[]	abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): James A. Merkle, Jr. et al.

Serial No.: 10/062,400

Method of payment:

[ ] Enclosed is a check in the amount of \_\_\_\_\_\_.

[ ] Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.

[ ] Two duplicate copies of this Statement are enclosed.

[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: Noumbre 32,2002
MILLS & ONELLO, LLP

Eleven Beacon Street, Suite 605

Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

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Anthony P. Onello, Jr.

Registration Number 38,572

Attorney for Applicant

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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

	Silect 01
Docket Number (Optional)	Application Number
ECD-0014	10/062,400
Applicant  James A. Merk	le, Jr., <i>et al</i> .
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			U	. S. Patent Docume	nts			
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT	
	AA	4,168,396	09/18/79	Best	178	22	10/31/77	
	AB	4,176,247	11/27/79	Englund	178	22	10/10/73	
	AC	4,223,050	09/16/80	Nyfeler, et al.	427	163	10/03/78	
	AD	4,246,638	01/20/81	Thomas	364	200	09/14/78	
	ΑĒ	4,263,634	04/21/81	Chenoweth, et al.	360	133	09/17/79	
	AF	5,027,396	06/25/91	Platteter, et al.	380	4	05/07/90	
	AG	4,279,852	07/21/81	Engelmann	264	227	03/06/80	
	AH	4,333,113	06/01/82	Kalinowski	360	27	06/16/80	
	AI	4,335,173	06/15/82	Caraballo	428	65	09/22/80	
	AJ	4,336,981	06/29/82	Mori	350	358	07/25/80	
	AK 5,191,611		03/02/93	Lang	380	· 25	01/18/91	
			FOREIC	ON PATENT DOC	UMENTS			
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#### Docket Number (Optional) Application Number Subst. Form PTO-1449 **ECD-0014** 10/062,400 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION James A. Merkle, Jr., et al. Group Art Unit (Use several sheets if necessary) 02/01/02 2131 U. S. Patent Documents DOCUMENT NUMBER FILING DATE IF APPROPRIATE EXAMINER INITIALS SUBCLASS CLASS DATE NAME 09/10/81 BA 4,433,207 02/21/84 Best 178 22.09 300 05/26/81 364 BB 4,446,519 05/01/84 **Thomas** 380 10/19/81 235 BC Weinstein 4,453,074 06/05/84 11/25/81 Heffron, et al. 364 900 4,454,594 06/12/84 BD 4,458,315 200 02/25/82 BE Uchenick 364 07/03/84 BF 200 06/04/82 4,462,076 07/24/84 Smith, III. 364 22.08 07/02/81 BG 08/14/84 178 4,465,901 Best 22.08 10/05/81 BH Donald, et al. 178 4,471,163 09/11/84 BI 206 309 11/24/82 4,479,579 10/30/84 Miklos 10/25/82 BJ 4,495,526 01/22/85 Baranoff-Rossine 360 15 135.1 04/15/83 BK 04/09/85 346 4,510,508 Janssen FOREIGN PATENT DOCUMENTS Translation DOCUMENT COUNTRY CLASS SUBCLASS NUMBER DATE BL BMBN BO BP BQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) BR BS BT DATE CONSIDERED EXAMINER EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

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Subst. F	orm F	PTO-1449			Docket Number (Optional) Application Number					
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING D	DATE PRIATE	
	CA	4,513,174	04/23/85	Hermai	1	178	22.08	03/19	/81	
	СВ	4,528,588	06/09/85	Lofberg	3	358	122	09/25	/81	
	CC	4,558,176	12/10/85	Arnold, et	al.	178	22.08	09/20	/82	
	CD	4,573,119	02/25/86	Westheimer,	, et al.	364	200	07/11	/83	
	CE.	4,577,289	03/18/86	Comerford,	et al.	364	900	12/30	/83	
,	CF	4,584,641	04/22/86	Gugliemi	no	364	200	08/29	/83	
	CG	4,590,470	05/20/86	Koenig		340	825.31	07/11	/83	
	СН	4,593,353	06/03/86	Pickholt	z	364	200	10/26	/81	
	CI	4,595,950	06/17/86	Lofberg	3	358	122	12/17/84		
	CJ	4,634,807	01/06/87	Chorley, et al. 178		178	22.08	08/23	08/23/85	
	CK 4,644,493 02/17/87 Ch		Chandra, e	, et al		900	09/14/84			
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	DA	4,649,233	03/10/87	Bass, et a	ıl.	380	21	04/11	
	DB	4,652,990	03/24/87	Pailen, et	al.	364	200	10/27	7/83
	DC	4,658,093	04/14/87	Hellma	n	380	25	07/11	/83
	·DD	4,670,857	06/02/87	Rackma	n	380	4	10/26	5/81
	DE.	4,677,604	06/30/87	Selby, et	al.	369	33	02/04	/85
·	DF	5,312,663	05/17/94	Kosinski, e	et al.	428	64	12/27	//91
	DG	4,683,553	07/28/87	Mollier	•	380	.4	02/05	5/86
	DH	4,683,968	08/04/87	Appelbaum,	et al.	380	4	09/03	3/85
	DI	4,685,055	08/04/87	Thomas	S	364	200	07/01/85	
	DJ	4,695,993	09/22/87	2/87 Takagi, et a		369	54	06/10	/85
	DK	4,698,695	10/06/87	Kosaka, et	al.	358	338	09/16/85	
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	EA	4,724,492	02/09/88	Kosaka, e	t al.	358	342	09/16	/85	
	EB	4,734,796	03/29/88	Grynberg,	et al.	360	60	09/06	/83	
	EC	4,740,890	04/26/88	Willian	n	364	200	12/22	/83	
	ED	4,742,543	05/03/88	Frederiks	sen	380	9	07/10	/86	
	EE	4,747,139	05/24/88	Taaffe		380	44	10/21	/86	
	EF	4,752,554	06/21/88	Sato, et a	ıl.	430	273	06/02	/86	
	EG	4,757,468	07/12/88	Domenik, e	et al.	364.	900	04/21	/87	
	ЕН	4,757,534	07/12/88	Matyas, e	t al.	380	25	02/03	/87	
	EI	4,761,775	08/02/88	Murakai	mi	369	46	01/23	/87	
	EJ	4,785,361	11/15/88	Brotby	,	360	60	12/16/86		
	EK	4,796,181	01/03/89	Wiedem	er	364	406	10/24	10/24/86	
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	FA	4,796,220	01/03/89	Wolfe	;	364	900	12/15	/86
	FB	4,849,836	07/18/89	Kachiki	an	360	60	07/24	/86
	FC	4,849,927	07/18/89	Vos		364	900	09/22	/87
	FD	4,858,036	08/15/89	Ginke	1	360	60	08/04	/86
	FE	4,866,769	09/12/89	Karp		380	4	08/05	/87
	FF	4,868,805	09/19/89	Hanami,	et al.	369	53	08/13	/87
	FG	4,879,704	11/07/89	Takagi, <i>e</i>	rt al.	369	14	07/16	/87
	FH	4,891,504	01/02/90	Gupta	1	235	462	06/17	/85
	FI.	4,839,883	06/13/89	Nagata, a	et al.	369	286	06/25	/87
	FJ	4,903,296	02/20/90	Chandra, et al.		380	4	11/12/86	
	FK	K 4,907,216 03/06/90 Rijnsbu			irger 369	275	12/09/87		
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EXAMINER INITIALS		DOCUMENT NUMBER DATE NAM				CLASS	SUBCLASS	FILING D	ATE PRIATE
7717765	GA	4,910,725	03/20/90	Drexler, e	al.	369	275	10/17/	/86
	GB	4,942,565	07/17.90	Lagade	2	369	59	07/28/	/89
-	GC	4,949,331	08/14/90	Maeda, et	al.	369	.275.3	06/17/	/86
	GD	4,959,861	09/25/90	Howlett	e	380	4	07/13/	/88
	GE	4,961,182	10/02/90	Saito, et	ıl.	369	124	06/29/	/88
	GF	4,967,403	10/30/90	Ogawa, <i>et</i>	al.	369	44.26	04/20/	/88
	GG	5,703,858	12/30/97	Mitchell, e	t al.	369	58	10/21/	96
	GH	4,975,898	12/04/90	Yoshida	1	369	100	08/18/	/88
•	GI	4,980,782	12/25/90	Ginkel		360	60	06/03/	/85
	GJ	4,991,163	02/05/91	Tokushuku, <i>et al.</i>		369	275.4	02/08/88	
	GK	5,004,232	04/02/91	Wong, et	al.	273	435	10/13/89	
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#### Docket Number (Optional) Application Number Subst. Form PTO-1449 ECD-0014 10/062,400 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION James A. Merkle, Jr., et al. Filing Date Group Art Unit (Use several sheets if necessary) 02/01/02 2131 U. S. Patent Documents DOCUMENT NUMBER FILING DATE EXAMINER INITIALS CLASS DATE NAME SUBCLASS HA 5,060,219 10/22/91 Lokhoff, et al. 369 48 12/20/88 HB 5,065,429 11/12/91 380 25 10/14/90 Lang HC 5,153,861 10/06/92 Maeda, et al. 369 32 12/13/89 380 3 06/13/90 5,073,925 12/17/91 Nagata, et al. HD HE 360 46 05/18/89 5,122,912 06/16/92 Kanota, et al. HF 04/20/90 5,150,339 9/22/92 Ueda, et al. 369 32 HG 5,155,768 10/13/92 380 23 03/11/91 Matsuhara HH380 30 01/15/91 5,159,633 10/27/92 Nakamura HI 08/29/90 5,168,482 12/01/92 Aratani, et al. 369 13 HJ 5,179,547 01/12/93 369 275.4 05/28/91 Komaki, et al. HK 428 64 04/02/92 5,204,152 04/20/93 Yoshizawa FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER Translation SUBCLASS DATE COUNTRY CLASS YES HL $\mathbf{H}\mathbf{M}$ HN HO HP HQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) HR HS HT DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include

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	IA	5,224,087	06/29/93	Maeda, <i>et al</i> .		369	54	08/19	/91
	IB	5,243,423	09/07/93	DeJean, <i>e</i>	t al.	358	142	12/20	/91
	IC	5,255,007	10/19/93	Bakx	•	346	1.1	11/13	/90
	ID	5,276,738	01/04/94	Hirsch		380	46	12/17	/92
	IE	5,285,440	02/08/94	Matsud	a	369	275.3	12/11	/92
	IF	5,323,367	06/21/94	Tamura, e	t al.	369	32	10/22	/92
	IG	5,350,923	09/27/94	Bassignana,	et al.	250	453.11	12/23	/92
·	IH	5,371,792	12/06/94	Asai, et al.		380	3	12/21	/93
	II	5,379,433	01/03/95	Yamagis	hi	395	725	03/16/93	
	IJ	5,392,351	02/21/95	Hasebe, <i>et al.</i> Fahn, <i>et al</i> .		380	4	03/15	/93
	IK	5,400,403	03/21/95			380	21	08/16/93	
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	JA	5,410,527	04/25/95	Ashinun	ıa	369	50	07/28/92	
	JB	5,412,718	05/02/95	Narasimhalu, et al.		380	4	09/13/	93
	JC	5,418,852	05/23/95	Itami, et	al.	380	4	03/17/	93
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